

PROGRAM: Heavy Equipment Operations

**PROGRAM
CIP CODE:** 49.0200

DESCRIPTION: The Heavy Equipment Operations program prepares students to apply technical knowledge and skills to operate and maintain a variety of heavy equipment such as a crawler tractor, motor graders and scrapers, shovels, rigging devices, hoists, and jacks. Includes instruction in digging, ditching, sloping, stripping, grading and backfilling, clearing and excavating.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

**Career
Preparation
Grades
11-12** The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

49.0200.10 Heavy Equipment Operations I: Course description is under development.

-and-

49.0200.20 Heavy Equipment Operations II: Course description is under development.

And program may elect to add:

49.0200.75 Heavy Equipment Operations - Internship: This course provides CTE students an opportunity to engage in learning through participation in a structured work experience that can either be paid or unpaid and does not necessarily require classroom instruction that involves the application of previously developed Heavy Equipment Operations knowledge and skills.

-or-

49.0200.80 Heavy Equipment Operations - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences, directly related to the standards identified for the Heavy Equipment Operations program.

TEACHER CERTIFICATION REQUIREMENTS FOR THE HEAVY EQUIPMENT OPERATIONS PROGRAM

Career Preparation: The instructor must be CTE certified according to the following table

Heavy Equipment Operations	CERTIFICATES	
	Types: (To Be Determined) Approved Areas: (To Be Determined)	Types: (To Be Determined) (To Be Determined)

Note:

- Heavy Equipment Operations, 49.0200.70 may be a part of the sequence and the teacher must hold a Cooperative Education Endorsement (CEN).
- Teacher/Coordinator 49.0200.75 is required to have a Cooperative Education Endorsement (CEN).
- Teacher/Coordinator 49.0200.80 is required to have a Cooperative Education Endorsement (CEN).

CERTIFICATE ABBREVIATIONS FOR THE HEAVY EQUIPMENT OPERATIONS PROGRAM

Certificate Types	Approved Areas List
(To Be Determined)	(To Be Determined)